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Substitute for form 1449A/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	
		Filing Date	
		First Named Inventor	Ling
		Art Unit	
		Examiner Name	
Sheet <u>1</u> of <u>4</u>	Attorney Docket Number P-17.111 (CON)		

U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
D. H. L.		US- 5965352	10-12-1999	Stoughton	
		US- 5580750	12-03-1999	Doglia, et al	
		US- 5902732	05-11-1999	Hochman	
		US- 4847240	07-11-1989	Ryser	
		US- 4405237	09-20-1983	Manuccia, et al	
		US- 6002476	12-14-1999	Treado	
		US- 5841139	11-24-1998	Sostek, et al	
		US- 6002471	12-14-1999	Quake	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				

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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 50%;">Application Number</td><td style="width: 50%;"></td></tr> <tr><td>Filing Date</td><td></td></tr> <tr><td>First Named Inventor</td><td>Ling</td></tr> <tr><td>Group Art Unit</td><td></td></tr> <tr><td>Examiner Name</td><td></td></tr> <tr><td>Attorney Docket Number</td><td>P-17.111' (CON)</td></tr> </table>		Application Number		Filing Date		First Named Inventor	Ling	Group Art Unit		Examiner Name		Attorney Docket Number	P-17.111' (CON)
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Filing Date															
First Named Inventor	Ling														
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Examiner Name															
Attorney Docket Number	P-17.111' (CON)														
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		PALOLEY, J., The Handbook of Biological Confocal Microscopy, JMR Press 1989	
		MANOHARAN R., WANG Y., FELD MS, "Histochemical Analysis of Biological Tissue Using Raman Spectroscopy", Spectrochimica Acta, Part A, 52, pp 210-249, 1996	
		FERRARO JR, et al, Introductory Raman Spectroscopy, Academic Press, July 1994	
		BRENAN CJH, et al, "Volumetric Raman Spectral Imaging with a Confocal Raman Microscope: Image Modalities & Applications" SPIE v 26ss, pp 130-139, 1996	
		KINCADE K, Raman Spectroscopy Enhances in vivo Diagnosis Laser Focus World, pp 83-91, July 1998	
		TURRELL G, et al, Raman Microscopy-Developments & Applications, Academic Press 1996	
		BUICK RN, "Cellular Basis of Chemotherapy", Cancer Chemotherapy Handbook, Appleton & Lange Press 1994	
		JONES RA, An Automated Technique for Deriving MTF from Edge Traces Photographic Science & Engineering VII (2), pp 102-106, 1967	
		BLACKMAN ES, Effects of Noise on the Determination of Photographic System Modulation Transfer Functions. Photographic Science & Engineering V12(5) pp 244-250, 1968	
		BOVIK, AC, "On Detecting Edges in Speckle Imagery", IEEE Trans. Acoust., Speech, Signal Processing, V36(10), pp 1618-1627, 1988	
		KONDO K, et al, "Image Restoration by Weiner Filtering in the Presence of Signal-Dependent Noise", Appl. Opt., V16(0), pp 2254-2558, 1977	

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		Filing Date	
		First Named Inventor	Ling
		Group Art Unit	
		Examiner Name	
Sheet <u>3</u> of <u>4</u>	Attorney Docket Number	P-17.111 (CAN)	

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[Handwritten Initials]		LIM JS, Two-Dimensional Signal & Image Processing, Englewood Cliffs, Prentice Hall, pp 536-540, 1990	
		CASTLEMAN KR, Digital Image Processing, Prentice Hall, Englewood Cliffs, New Jersey, pp 117, 1996	
		ART J., "Photon Detectors for Confocal Microscopy", Handbook of Biological Confocal Microscopy, Plenum Press, New York, pp 183-196, 1995	
		LEE JS, Digital Image Enhancement and Noise Filtering by Use of Local Statistics, IEEE Trans. Pattern Anal. Mach. Intell, PAM 1-2, pp 165-168, 1980	
		PERONA P, Scale Space & Edge Detection Using Anisotropic Diffusion, IEE Trans. Pattern Anal. Mach. Intell, Vol 12(7) pp 629-639, 1990	
		SIJTSEMA, NMETAL, Confocal Direct Imaging Raman Microscope: Design and Applications in Biology, Applied Spectroscopy, v52(3), pp 348-355, 1998	
		FREEMAN TL, et al, Investigation of the Subcellular Localization of Zinc Phthalocyanines by Raman Mapping, Applied Spectroscopy, v52(10), pp 1257-1263, 1998	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	
		Filing Date	
		First Named Inventor	Jian Ling
		Group Art Unit	
		Examiner Name	
Sheet 4 of 4	Attorney Docket Number	P-17.111 (CON)	

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DAD		S. SHARONOV, I. CHURPA, H. MORJANI, IL NABIEV and M. MANFATT; Confocal spectral imaging analysis in studies of the spatial distribution of antitumor drugs within living cancer cells.	
DAD		G.D. SOKALINGUM, A. BELJEBBAR, H. MORJANI, J.F. ANGIBOUST, M. MANFATT; Characterization of Island Films as Surface-Enhanced Raman Spectroscopy Substrates for Detecting Low Antitumor Drug Concentrations at Single Cell Level	
X			

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<i>[Signature]</i>	6-4-04

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